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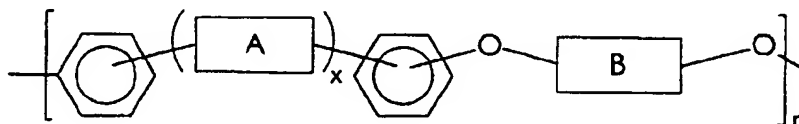
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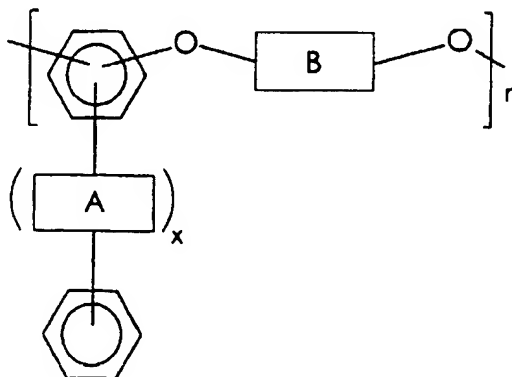
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(54) **Process for haloalkylation of high performance polymers**

(57) Disclosed is a process which comprises reacting a polymer of the general formula



or



wherein x is an integer of 0 or 1, A and B are specified groups, and n is an integer representing the number of repeating monomer units, with an acetyl halide and dimethoxymethane in the presence of a halogen-containing Lewis acid cat-

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alyst and methanol, thereby forming a haloalkylated polymer. In a specific embodiment, the haloalkylated polymer is then reacted further to replace at least some of the haloalkyl groups with photosensitivity-imparting groups. Also disclosed is a process for preparing a thermal ink jet printhead with the aforementioned polymer.



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# EUROPEAN SEARCH REPORT

Application Number  
EP 97 30 6206

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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 30 October 2000	Examiner Permentier, W
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>			

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# EUROPEAN SEARCH REPORT

Application Number  
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